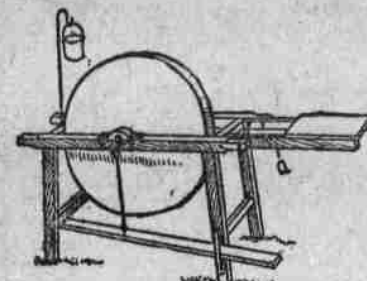


## ROAD AND FARM IMPROVEMENT

RUNNING THE GRINDSTONE.  
Some Suggestions for Making a Hard Job Easy.

If the face of the grindstone is hard and glazed pour a little sand on the stone every few minutes until the stone is worn off and the stone will cut like a new one. This condition is caused by exposing the stone to the weather. I like to keep the stone in a shed under cover, but if this is not possible set it under a tree and put a box over it when not in use. It is



Handy Grindstone Rig.

surprising how easy a little oil on the bearings will make the stone run, yet some of my neighbors never think to oil theirs. A few drops of kerosene will cut the gum if it runs hard and then some oil or axle grease will make it go easy.

It is hard to stand on one foot and work the treadle with the other. This job can be made easy, suggests a writer in Farm and Home, by bolting two boards to the grindstone frame, and extending it two feet, on which place a seat as shown in the cut. With a smooth and even face the grindstone works nicely, but when it becomes uneven it is hard work to do a good job of grinding. Such a stone needs to be cut down and toned up. This can be done by grinding against the end of a piece of pipe, having the stone dry. There is nothing more exasperating than to try to work with a poor grindstone, but with a good one it is a pleasure to keep the tools sharp.

### HELPS THE ROADS.

Experience of the Specialist at Nebraska Experiment Station.

The following from a recent issue of the Nebraska Farmer gives their experience with the road drag on the roads near the Nebraska experiment station:

"A good proof of road dragging with split log drags was shown last winter during the long spell of deep muddy roads. The roads next to the farm have been dragged for the last four or five years, and comparing them with others it makes a very great contrast. While some of the other roads are hardly dry, and a good many are rough and rutty the dragged roads have long become smooth and are as hard as brick. Even during very muddy weather the depth of mud on the dragged roads was slight compared with that of the undragged roads. When a person drives over a road of this kind when muddy it is like driving on pavement with but one to two inches of mud while the undragged roads sink to a depth of nine inches in places and also very heavy pulling, having no solid ground under the mud. A farmer who believes it does not pay to drag roads is badly mistaken. In eastern Nebraska it is just beginning to become a practice. And the ones to introduce it there were the students of the school of agriculture."

### PLOWING DEEP OR SHALLOW.

Much Depends on the Kind of Crop to Be Grown.

Plow deep in the fall and shallow in the spring, is the advice of an Iowa professor of agriculture. We would amend this by suggesting that the crop you expect to raise on the land has something to do with it, as does also the length of time to elapse before the crop is sown or planted. Plowing deep for wheat is all right if the plowing is done in time so the soil will settle before seeding, but he who plows deep one week and drills in his wheat the next is courting failure. For English bluegrass, timothy or any very deep crop, it is a detriment to plow very deep. We have found this out through sad and costly experience. Deep plowing furnishes too loose a seed bed for any of this stuff, and it is a hundred times more apt to dry out or freeze out before the winter is over. Like a good many rules, the one referring to deep plowing in the fall should be practiced only after a full and careful consideration of the field to be plowed and the crop to be sown.

### FARM JOTTINGS.

Give the sheep shelter from the sun. You can never improve a flock by using a grade sire.

Now is the time to select the best possible sire for the flock.

The superiority of beef breeds is largely in their early maturity.

Well drained land will stand drought or freshet better than land that has not been drained.

Wethers intended for market should be put in a pasture by themselves, where they can be liberally fed.

When ewes are gaining in condition at mating time, there will be a large percentage of twins and the lambs will be stronger.

The feeding of cotton seed meal is not yet reduced to a science. Any man that undertakes it should avail himself of all extant information on the subject.

### Stringhalt.

Stringhalt is sometimes due to local injury. Closely observe the stable, change the stall, bathe the limbs in hot brine and attend to the shoeing. Your farrier may discover some fault in shoeing that may be remedied. A pronounced case can be corrected only by an operation.

### FARMERS AND GOOD ROADS.

The Latter Contribute to the Prosperity of the Farmer.

One of the factors contributing to the prosperity of the modern agricultural community is a system of good public roads. This subject has been discussed frequently in the farm, daily and magazine press, that very few are not conversant with its more important aspects. Every one must concede that the subject is important and its benefits to the agricultural and commercial worlds are self evident.

Impetus is being given to the building of rural highways, by the activities of the office of public roads connected with the United States department of agriculture. Systematic work is being carried forward under the direction of this bureau and the influence of these federal endeavors has reached out into a number of the states.

It was quite opportune that the government undertook to foster the building of good roadways. Now, through the education received from national road experts and from the crying necessity for better means for wagon transportation of farm products to market a general demand for good permanent country highways has gone out from the agricultural classes.

America has been exceedingly backward in developing a system of good public roads, but the time is at hand when farmers will not be compelled to haul their grain and produce over ways covered with mire or filled with dangerous ruts.

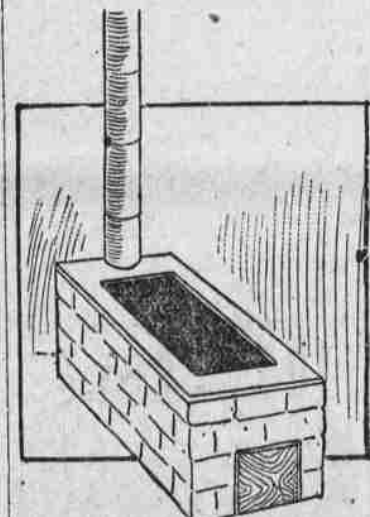
The general consensus of opinion regarding public roads, declares the Indiana Farmer, is that there should be a good, strong executive man at the head of a forceful commission dealing with the question.

Twenty-one states in the union have such a commission with an active and competent civil engineer or some other skillful, practical man at its head. It will be noticed that these states are improving their highways and are making them permanent and durable. Prominent among the states thus applying business methods and scientific principles to road building are New York, Pennsylvania, Illinois and Ohio. The 17 other states are following suit very closely and good results are noticeable. Of course it will require many years before every section in these states is immediately benefited, but it suffices that the work is well begun.

### AN OUTDOOR FURNACE.

It Can Be Put to Many Uses on the Farm.

Build the furnace walls of brick and mortar. When three inches high lay iron strips crosswise four inches apart; this makes the grate. Build as high as you want the walls, finishing with a top from an oldtime heater or a part of an old cook stove. Take



For Washing or Canning.

an old stove door for the furnace door, suggests the Missouri Valley Farmer, leaving room for ventilation under the door. Use any kind of piping, but four or five-inch pipe is better than larger. Build the furnace in a shed or some other convenient place.

### A New Kerosene Emulsion.

It is not a very delightful job to make kerosene emulsion. Besides, being not the cleanest of work, it takes considerable time. The principal trouble and annoyance is in dissolving the soap and mixing it with kerosene. The Canadian Station has made a new discovery which promises to make the work a great deal easier, says the Rural World. It is found that eight ounces of flour will hold in suspension a quart of kerosene. If the flour is scalded before the kerosene is added, two ounces have been found sufficient to make an emulsion which will remain in suspension three days. It has also been found that when flour is used in making the emulsion there is not nearly so much danger of discoloring the trees.

### Buy a Good Separator.

When a separator is to be purchased, see that it is a good one. There are many cheap and worthless machines on the market that will simply disgust the buyers when they come to use them. The separators advertised in the Farmers' Review are not of this class, but are of the class that will give satisfaction for many years to come. The buyer of a separator should remember that when a separator is offered him at a price far below what the regular companies can make them for, something must be the matter with it. The matter is generally that the cheap machine is manufactured at a very low cost out of poor material and lacks exactness in adjustment. Without that exactness a separator is of no value.

### The Far-Sighted Farmers.

The far-sighted farmers are planning on having an abundance of roughage for the cows next winter. With plenty of hay, corn fodder, millet (although millet is not an extra good feed to produce milk) straw, etc., supplemented with a light grain ration, if the present high prices of grain prevail, they will be able to make money out of their cows next winter. The prevailing sentiment is in favor of more cows, and in this the farmers are "wise in their day and generations."

### DOES YOUR BACK ACHE?

Profit by the Experience of One Who Has Found Relief.

James R. Keeler, retired farmer, of Fenner St., Cazenovia, N. Y., says: "About fifteen years ago I suffered with my back and kidneys. I doctored and used many remedies without getting relief. Beginning with Doan's Kidney Pills, I found relief from the first box, and two boxes restored me to good, sound condition. My wife and many of my friends have used Doan's Kidney Pills with good results and I can earnestly recommend them."

Sold by all dealers. 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.

### Jerome on Colored Evidence.

District Attorney Jerome, of New York, said one day of a piece of suspicious evidence:

"It is evidence that has been tampered with, colored. It is like the lady's report of her physician's prescription."

"A lady one day in July visited her physician. The man examined her and said:

"Madam, you are only a little run down. You need frequent baths and plenty of fresh air, and I advise you to dress in the coolest, most comfortable clothes—nothing stiff or formal."

"When she got home her husband asked her what the physician had said. The lady replied:

"He said I must go to the seashore, do plenty of automobileing, and get some new summer gowns."

### She Experimented.

A little girl of five was taken to church one Sunday, and listened with unexpected attention to the sermon, which graphically told the story of the stilling of the tempest on the Sea of Galilee, and how Christ walked on the waves. In the afternoon her mother missed her and began an anxious search of the house. As she neared the bathroom she heard sounds of splashing, and hurried to the door to behold a small, excited face peering over the rim of the big white tub, and to hear a small, excited voice exclaim: "Say, mamma, this walking on the water is quite a trick."

Laundry work at home would be much more satisfactory if the right Starch were used. In order to get the desired stiffness, it is usually necessary to use so much starch that the beauty and fineness of the fabric is hidden behind a paste of varying thickness, which not only destroys the appearance, but also affects the wearing quality of the goods. This trouble can be entirely overcome by using Defiance Starch, as it can be applied much more thinly because of its greater strength than other makes.

### Not Entire.

The aeronaut, after painfully extricating himself from the wrecked balloon, limped to the nearest farmhouse.

"Madam," he said to the woman who answered his knock, "can you accommodate with a night's lodging a balloonist who has come to grief?"

"I'd be glad to," she hesitated, "but you are an entire stranger to—"

"Not an entire one," he interrupted, with some acerbity. "For I have left my left ear, three teeth, and certain portions of my nose back there with the ruined car."

"The Carthaginian mercenaries," he said, "encased their prisoners in a cement that, as it hardened, contracted. You can't imagine how uncomfortable this was."

"Oh, yes, I can," she answered. "I once had on a tight bathing suit when it began to shrink."

### Arithmetic.

Tommy—Pop, a man's wife is his better half, isn't she?

Tommy's Pop—So we are told, my son.

"Then if a man marries twice there isn't anything left of him, is there?"

### Can Not Escape Thoughts.

Man is a thinking being, whether he will or no; all he can do is to turn his thoughts the best way.—Sir William Temple.

### Where Russia Is Behind.

England has 144 churches for every 100,000 people. In Russia there are only 55 churches for a similar number.

But the blonde lawyer is not always a legal light.

### FEET OUT.

### She Had Curious Habits.

When a person has to keep the feet out from under cover during the coldest nights in winter because of the heat and prickly sensation, it is time that coffee, which causes the trouble, be left off.

There is no end to the nervous conditions that coffee will produce. It shows in one way in one person and in another way in another. In this case the lady lived in S. Dak. She says: "I have had to lie awake half the night with my feet and limbs out of the bed on the coldest nights, and felt afraid to sleep for fear of catching cold. I had been troubled for years with twitching and jerking of the lower limbs, and for most of the time I have been unable to go to church or to lectures because of that awful feeling that I must keep on the move."

"When it was brought to my attention that coffee caused so many nervous diseases, I concluded to drop coffee and take Postum Food Coffee to see if my trouble was caused by coffee drink."

"I only drank one cup of coffee for breakfast but that was enough to do the business for me. When I quit it my troubles disappeared in an almost miraculous way. Now I have no more of the jerking and twitching and can sleep with any amount of bedding over me and sleep all night, in sound, peaceful rest."

"Postum Food Coffee is absolutely worth its weight in gold to me." "There's a Reason." Read the little health classic, "The Road to Well-Being," in plgs.

### JAMIE WASTED NO TIME.

Youthful Philosopher Had Carefully Thought Out Situation.

It was Jamie's bath night. He had several each week and he hated them all. On this particular night, once started, he soaked and splashed in the tub for a full half hour. Then his mother haled him forth. He came out of the room in his pajamas with his face all streaked and dirty as it was when he went in.

"Mercy!" cried his mother. "I thought you took a bath."

"So I did!" answered Jamie scornfully. "A bully one!"

"But your face is black!" said his mother.

"Oh!" Jamie smiled understandingly. "My face is all right. I have to wash that in the morning, bath or no bath. You don't s'pose I'm going to waste time bathing my face! I always begin just below my ears and work down on my arms and legs; but I always leave my face and hands—those ends I tend to in the morning!"

### CHILDREN TORTURED.

Girl Had Running Sores from Eczema—Boy Tortured by Poison Oak—Both Cured by Cuticura.

"Last year, after having my little girl treated by a very prominent physician for an obstinate case of eczema, I resorted to the Cuticura Remedies, and was so well pleased with the almost instantaneous relief afforded that we discarded the physician's prescription and relied entirely on the Cuticura Soap, Cuticura Ointment, and Cuticura Pills. When we commenced with the Cuticura Remedies her feet and limbs were covered with running sores. In about six weeks we had her completely well, and there has been no recurrence of the trouble."

"In July of this year a little boy in our family poisoned his hands and arms with poison oak, and in twenty-four hours his hands and arms were a mass of torturing sores. We used only the Cuticura Remedies, and in about three weeks his hands and arms healed up. Mrs. Lizzie Vincent Thomas, Fairmont, Walden's Ridge Tenn., Oct. 13, 1905."

### A Knock.

"Jimmy," said the father, "there's a rip in your bathing suit. Go and sew it up."

"But, papa," growled the boy, "mother will see it for me."

"Never mind. I want you to learn to sew yourself. For," said the father, "some day you will get married, and then you won't have any mother—you will only have a wife."

### Girls Destined for Harems.

The Circassians, who live in the northwestern part of the Caucasus, and who think it is more honorable to live by plunder than by industry, make it a custom to bring their daughters up to be sold as slaves to the Turks and Persians. Circassian beauties, therefore, shine not in their native land but in the harems of the orient.

The extraordinary popularity of fine white goods this summer makes the choice of Starch a matter of great importance. Defiance Starch, being free from all injurious chemicals, is the only one which is safe to use on fine fabrics. Its great strength as a stiffener makes half the usual quantity of Starch necessary, with the result of perfect finish, equal to that when the goods were new.

### Been Laid Away in Stockings.

The Framingham (Mass.) national bank has just received for redemption a note on the old Framingham bank, which was the predecessor of the present national bank. The note is dated June 12, 1854, and is as crisp and clean as the day that it left the engraver's hands. The note will be kept as a souvenir.

The dark horses often run best in elections because their stains are not seen so well.

Lewis' Single Binder straight 5c. Many smokers prefer them to 10c cigars. Your dealer or Lewis' Factory, Peoria, Ill.

Always say a kind word when you can, if only that it may come in with singular opportuneness.—Helps.

## An Ideal Tonic

Weak women need "tone" to throw off disease and build up their strength. No matter what female trouble you suffer from, if you lack tone you will find it hard to recover. Cardui is a tonic, which acts principally on the womanly organs and constitution. Purely vegetable, harmless, yet powerful in curative properties.

WRITE US A LETTER

Not What She Wanted. Lawyer—Yes, my dear young lady, you have a perfect case. If you wish, I can secure you a divorce without publicity in six months.

Young Lady—But, my dear sir, you don't understand at all. I am an actress.

Ladies Can Wear Shoes. One size smaller after using Allen's Foot-Ease. A certain cure for swollen, sweating, hot, aching feet. At all Druggists, 25c. Accept no substitute. Trial package FREE. Address A. S. Olmsted, Le Roy, N. Y.

Possibly Had to Economize. At a recent golden wedding in England the aged bridegroom wore the suit in which he had been married.

Southern Wisconsin Corn and Clover and only 88c. Some Timber. Near R. R. Easy Terms. Evans Real Estate Co., St. Paul.

Nothing is more tedious than the pursuit of pleasure as an occupation.

Sure to Have One. Lincoln Steffens, in an address on municipal politics, said in Chicago of a certain city: "That city is as notorious for its rottenness as the town of Pebbles is notorious for another characteristic."

"Here is an incident that will give you an idea of the reputation of Pebbles."

"On a train one day a man rushed into a car, held up his hand for attention, and shouted excitedly: 'Anybody here who belongs to Pebbles?'"

"Aye, I do," said a small, dry old fellow calmly.

"Then," said the other, "lend us yer corkscrew."

Burglar's Pathetic Wall. A burglar arrested in London the other night remarked regretfully: "I knew the time when I could do 20 houses in two hours. But I am getting old."

Granite as Fertilizer. The government bureau of Plant Industry finds that ground granite makes excellent fertilizer.

### Negro's Valuable Head.

A Kentucky negro earns double wages as a hodcarrier, because he is able to do the work of two men. He places the bricks upon a board which he balances upon his head and he climbs to the tops of high buildings.

### A Theory.

"Why do men swear?" asked one woman.

"It's due to the vanity of the sex," answered Miss Cayenne. "They want to be noticed even when they can't think of anything of real importance to say."

That an article may be good as well as cheap, and give entire satisfaction, is proven by the extraordinary sale of Defiance Starch, each package containing one-third more Starch than can be had of any other brand for the same money.

### Riches Cause Trouble.

Great riches are ever accompanied by great anxieties, and an increase of our possessions is but an inlet to new disquietudes.—Goldsmith.

## SICK HEADACHE

Positively cured by these Little Pills. They also relieve Distress from Dyspepsia, Indigestion and Too Heavy Eating. A perfect remedy for Biliousness, Nervousness, Drowsiness, Headache, Stomach Trouble, Constipation, Pain in the Side, TORPID LIVER.

They regulate the Bowels. Purely Vegetable.

SMALL PILL. SMALL DOSE. SMALL PRICE.

Refuse Substitutes.

It removes the cause, soothes the nerves and relieves the action and feverishness. It cures all Colds and Grippe.

Headaches and neuralgia also. No bad effects. 10c, 25c and 50c bottles. (Liquid.)

## Physicians Recommend Castoria

CASTORIA has met with pronounced favor on the part of physicians, pharmaceutical societies and medical authorities. It is used by physicians with results most gratifying. The extended use of Castoria is unquestionably the result of three facts: First—The indisputable evidence that it is harmless: Second—That it not only allays stomach pains and quiets the nerves, but assimilates the food: Third—It is an agreeable and perfect substitute for Castor Oil. It is absolutely safe. It does not contain any Opium, Morphine, or other narcotic and does not stupefy. It is unlike Soothing Syrups, Bateman's Drops, Godfrey's Cordial, etc. This is a good deal for a Medical Journal to say. Our duty, however, is to expose danger and record the means of advancing health. The day for poisoning innocent children through greed or ignorance ought to end. To our knowledge, Castoria is a remedy which produces composure and health, by regulating the system—not by stupefying it—and our readers are entitled to the information.—Hall's Journal of Health.

## Letters from Prominent Physicians addressed to Chas. H. Fletcher.

Dr. B. Halstead Scott, of Chicago, Ill., says: "I have prescribed your Castoria often for infants during my practice, and find it very satisfactory."

Dr. William Belmont, of Cleveland, Ohio, says: "Your Castoria stands first in its class. In my thirty years of practice I can say I never have found anything that so filled the place."

Dr. J. H. Taft, of Brooklyn, N. Y., says: "I have used your Castoria and found it an excellent remedy in my household and private practice for many years. The formula is excellent."

Dr. R. J. Hamlen, of Detroit, Mich., says: "I prescribe your Castoria extensively, as I have never found anything to equal it for children's troubles. I am aware that there are imitations in the field, but I always see that my patients get Fletcher's."

Dr. Wm. J. McCann, of Omaha, Neb., says: "As the father of thirteen children I certainly know something about your great medicine, and aside from my own family experience I have in my years of practice found Castoria a popular and efficient remedy in almost every home."

Dr. J. R. Clausen, of Philadelphia, Pa., says: "The name that your Castoria has made for itself in the tens of thousands of homes blessed by the presence of children, scarcely needs to be supplemented by the endorsement of the medical profession, but I, for one, most heartily endorse it and believe it an excellent remedy."

Dr. R. M. Ward, of Kansas City, Mo., says: "Physicians generally do not prescribe proprietary preparations, but in the case of Castoria my experience, like that of many other physicians, has taught me to make an exception. I prescribe your Castoria in my practice because I have found it to be a thoroughly reliable remedy for children's complaints. Any physician who has raised a family, as I have, will join me in heartiest recommendation of Castoria."

GENUINE CASTORIA ALWAYS Bears the Signature of

Chas. H. Fletcher. The Kind You Have Always Bought in Use For Over 30 Years.

## PUTNAM FADELESS DYES

Color more goods brighter and faster colors than any other dye. One 10c package colors all fibers. They dye in cold water better than any other dye. You can dye any garment without ripping apart. Write for free booklet—How to Dye, Bleach and Mix Colors. MONROE DRUG CO., Quincy, Illinois.

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Nothing is more tedious than the pursuit of pleasure as an occupation.

W. L. DOUGLAS \$3.00 & \$3.50 SHOES. BEST IN THE WORLD. \$25.00 Reward. To any one who can prove W. L. Douglas shoes are not made & sold elsewhere for \$3.00 & \$3.50 shoes.

THE REASON W. L. Douglas shoes are worn by more people than any other make, is because of their excellent style, easy-fitting, and superior wearing qualities. The selection of the leathers and other materials for each part of the shoe, and every detail of the making is looked after by the most complete organization of superintendents, foremen and skilled shoemakers, who receive the highest wages paid in the shoe industry, and whose workmanship cannot be excelled.

If I could take you into my large factory at Brockton, Mass., and show you how carefully W. L. Douglas shoes are made, you would then understand why they hold their shape, fit better, wear longer and are of greater value than any other make.

My \$4 Gilt Edge and \$5 Gold Bond shoes cannot be equaled at any price. Write today for a free copy of valuable 64-page illustrated Book for Women. If you need Medical Advice, describe your symptoms, stating age, and reply will be sent in plain sealed envelope. Address: Ladies' Advisory Dept., The Chattanooga Medicine Co., Chattanooga, Tenn.

PARKER'S HAIR BALM. Cleanses and beautifies the hair. Promotes its growth. Prevents itching. Restores falling hair. Cures scalp diseases. Hair falling out. 25c and 50c at Druggists.

WATER'S EYE CURE. Watson's Eye Cure. Patent Attorney, Washington, D. C. Advice free. Try it now. Highest price.

Thompson's Eye Water. If afflicted with eye troubles, use Thompson's Eye Water. A. N. K.—B (1907—36) 2194.

## You Look Prematurely Old

Because of those ugly, grizzly, gray hairs. Use "LA CREOLE" HAIR RESTORER. PRICE, 50c, retail.